

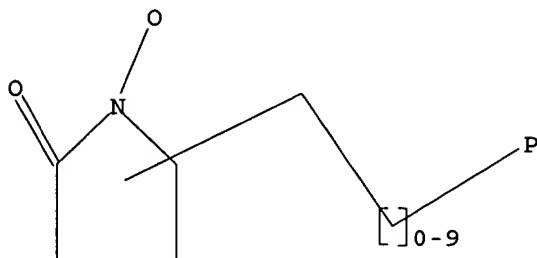
10/01/200509868962R>

chain nodes :
6 7 8 10 11
ring nodes :
1 2 3 4 5
chain bonds :
1-6 5-7 8-10 10-11
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
1-2 1-5 1-6 5-7
exact bonds :
2-3 3-4 4-5 8-10 10-11
isolated ring systems :
containing 1 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS

L2 STRUCTURE UPLOADED

=> d
L2 HAS NO ANSWERS
L2 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l2 full
FULL SEARCH INITIATED 10:00:22 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 378 TO ITERATE

100.0% PROCESSED 378 ITERATIONS 13 ANSWERS
SEARCH TIME: 00.00.01

L3 13 SEA SSS FUL L2

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	162.19	162.40

FILE 'CAPLUS' ENTERED AT 10:00:28 ON 10 JAN 2005
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

10/01/200509868962R>

L4 ANSWER 1 OF 1 CAPIUS COPYRIGHT 2005 ACS on STN

AN 2000:441803 CAPIUS

DN 133:68911

TI Organophosphorus compounds, their preparation, and their use as virucides,

fungicides, bactericides, parasitocides, and herbicides

IN Jomaa, Hassan

PA Germany

SO PCT Int. Appl., 55 pp.

CODEN: P100D2

DT Patent

LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000037477	A1	20000629	WO 1999-EP10274	19991222
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 19859426	A1	20000706	DE 1998-19859426	19981222
CA 2356289	AA	20000629	CA 1999-2356289	19991222
BR 9916466	A	20010925	BR 1999-16466	19991222
EP 1140952	A1	20011010	EP 1999-968365	19991222
EP 1140952	B1	20030903		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
TR 200101832	T2	20011221	TR 2001-200101832	19991222
JP 2002533350	T2	20021008	JP 2000-589547	19991222
AT 248846	E	20030915	AT 1999-968365	19991222
PT 1140952	T	20040227	PT 1999-968365	19991222
ES 2204189	T3	20040416	ES 1999-968365	19991222
ZA 2001004443	A	20020114	ZA 2001-4443	20010530
NO 2001003085	A	20010822	NO 2001-3085	20010621
PRAI DE 1998-19859426	A	19981222		
WO 1999-EP10274	W	19991222		

OS MARPAT 133:68911

RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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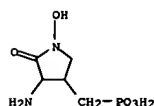
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L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2000:441803 CAPLUS
 DOCUMENT NUMBER: 133:68911
 TITLE: Organophosphorus compounds, their preparation, and their use as virucides, fungicides, bactericides, parasiticides, and herbicides
 INVENTOR(S): Jomaa, Hassan
 PATENT ASSIGNEE(S): Germany
 SOURCE: PCT Int. Appl., 55 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

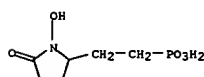
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000037477	A1	20000629	WO 1999-EP10274	19991222
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CH, GA, GN, GW, ML, MR, NE, SN, TD, TG				
DE 19859426	A1	20000706	DE 1998-19859426	19981222
CA 2356289	AA	20000629	CA 1999-2356289	19991222
BR 9916466	A	20010925	BR 1999-16466	19991222
EP 1140952	A1	20011010	EP 1999-968365	19991222
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
TR 200101832	T2	20011221	TR 2001-200101832	19991222
JP 2002533350	T2	20021008	JP 2000-589547	19991222
AT 248646	E	20030915	AT 1999-968365	19991222
PT 1140952	T	20040227	PT 1999-968365	19991222
ES 2204189	T3	20040416	ES 1999-968365	19991222
ZA 2001004443	A	20020114	ZA 2001-4443	20010530
NO 2001003085	A	20010822	NO 2001-3085	20010621
			DE 1998-19859426	A 19981222
			WO 1999-EP10274	W 19991222

OTHER SOURCE(S): MARPAT 133:68911
 AB The invention provides organophosphorus compds. RIAP:(O) (R3) (R4) [A = (C1-9) alkylene, COC, CNC,
 C1(B1) (B2) C2(B3) (B4) C3(B5) (B6) C4(B7) (B8) C5(B9) (B10) (Z1 of C3-C5 and their substituents can also be absent;
 Z1 of B1-B10 = C3-8-cycloalkyl-(CO-9)-alkyl); R1 = 5- or 6-membered heterocycle with Z1 N in the ring or polycyclic carbon atoms containing one of the heterocycles, wherein Z1 of the N belongs to hydroxamic acid group or hydroxamic acid ester group; R3, R4 = H, (un)substituted C1-26 alkyl (un)substituted aryl, etc.]. Also provided is the use of these compds. in the therapeutic and prophylactic treatment of infections

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
 in human beings and animals caused by viruses, bacteria, fungi, and parasites; and as fungicides, bactericides, and herbicides in plants.
 IT 278778-53-3P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (organophosphorus compound preparation and use as virucide, fungicide, bactericide, parasiticide, and herbicide)
 RN 278778-53-3 CAPLUS
 CN Phosphonic acid, [(4-amino-1-hydroxy-5-oxo-3-pyrrolidinyl)methyl]- (9CI) (CA INDEX NAME)



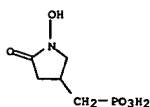
IT 278778-38-4 278778-39-5 278778-40-8
 278778-41-9 278778-42-0
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (organophosphorus compound preparation and use as virucide, fungicide, bactericide, parasiticide, and herbicide)
 RN 278778-38-4 CAPLUS
 CN Phosphonic acid, [2-(1-hydroxy-5-oxo-2-pyrrolidinyl)ethyl]-, disodium salt (9CI) (CA INDEX NAME)



● 2 Na

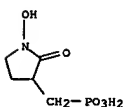
RN 278778-39-5 CAPLUS
 CN Phosphonic acid, [(1-hydroxy-5-oxo-3-pyrrolidinyl)methyl]-, disodium salt (9CI) (CA INDEX NAME)

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



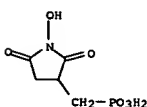
● 2 Na

RN 278778-40-8 CAPLUS
 CN Phosphonic acid, [(1-hydroxy-2-oxo-3-pyrrolidinyl)methyl]-, disodium salt (9CI) (CA INDEX NAME)



● 2 Na

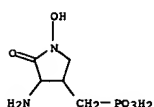
RN 278778-41-9 CAPLUS
 CN Phosphonic acid, [(1-hydroxy-2,5-dioxo-3-pyrrolidinyl)methyl]-, disodium salt (9CI) (CA INDEX NAME)



● 2 Na

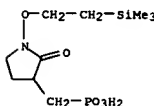
RN 278778-42-0 CAPLUS
 CN Phosphonic acid, [(4-amino-1-hydroxy-5-oxo-3-pyrrolidinyl)methyl]-, disodium salt (9CI) (CA INDEX NAME)

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

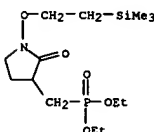


● 2 Na

IT 278778-51-1P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (organophosphorus compound preparation and use as virucide, fungicide, bactericide, parasiticide, and herbicide)
 RN 278778-51-1 CAPLUS
 CN Phosphonic acid, [(2-oxo-1-[2-(trimethylsilyl)ethoxy]-3-pyrrolidinyl)methyl]- (9CI) (CA INDEX NAME)



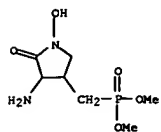
IT 278778-50-0 278778-52-2
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction: organophosphorus compound preparation and use as virucide, fungicide, bactericide, parasiticide, and herbicide)
 RN 278778-50-0 CAPLUS
 CN Phosphonic acid, [(2-oxo-1-[2-(trimethylsilyl)ethoxy]-3-pyrrolidinyl)methyl]-, diethyl ester (9CI) (CA INDEX NAME)



RN 278778-52-2 CAPLUS
 CN Phosphonic acid, [(4-amino-1-hydroxy-5-oxo-3-pyrrolidinyl)methyl]-, dimethyl ester (9CI) (CA INDEX NAME)

10/01/200509868962R>

L4 ANSWER 1 OF 1 CAPIUS COPYRIGHT 2005 ACS on STN (Continued)



REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR
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RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

Day : Monday
Date: 1/10/2005


PALM INTRANET

Time: 14:57:24

Inventor Name Search Result

Your Search was:

Last Name = JOMAA

First Name = HASSAN

Application#	Patent#	Status	Date Filed	Title	Inventor Name 24
10948210	Not Issued	020	09/24/2004	PHOSPHOROUS ORGANIC COMPOUNDS AND THEIR USE	JOMAA, HASSAN
10676131	Not Issued	030	10/02/2003	USE OF ORGANOPHOSPHORUS COMPOUNDS FOR THE THERAPEUTIC AND PROPHYLACTIC TREATMENT OF INFECTIONS	JOMAA, HASSAN
10475510	Not Issued	019	01/01/0001	INACTIVATION OF GENES OF THE MEP PATHWAY	JOMAA, HASSAN
10434164	Not Issued	030	05/09/2003	USE OF COMPOUNDS COMPRISING A NITROGEN-OXYGEN HETEROCYCLE	JOMAA, HASSAN
10363280	Not Issued	020	10/01/2003	COMBINATION PREPARATIONS OF 3-N-FORMYLHYDROXYLAMINOPROPYL PHOSPHONIC ACID DERIVATIVES OR 3-N-ACETYLHYDROXYLAMINOPROPYL PHOSPHONIC ACID DERIVATIVES COMBINED WITH SPECIFIC PHARMACEUTICAL ACTIVE AGENTS	JOMAA, HASSAN
10275360	Not Issued	041	11/05/2002	GENES OF THE 1-DESOXY -D-XYLULOSE BIOSYNTHESIS PATH	JOMAA, HASSAN
10241413	6812224	150	09/11/2002	PHOSPHOROUS ORGANIC COMPOUNDS AND THEIR USE	JOMAA, HASSAN
10241346	6753324	150	09/11/2002	PHOSPHOROUS ORGANIC COMPOUNDS AND THEIR USE	JOMAA, HASSAN
10204683	Not Issued	030	08/23/2002	USE OF 2-PHENYLENE DIAMINE DERIVATIVES FOR THE TREATMENT OF INFECTIONS	JOMAA, HASSAN
10204068	Not Issued	164	08/16/2002	PHOSPHORORGANIC COMPOUNDS AND THE USE THEREOF	JOMAA, HASSAN

<u>09980611</u>	<u>6638957</u>	150	11/02/2001	USE OF COMPOUNDS WITH A NITROGEN-OXYGEN HETEROCYCLE	JOMAA, HASSAN
<u>09979477</u>	Not Issued	161	11/21/2001	USE OF GENES OF THE DEOXY-D-XYLULOSE PHOSPHATE BIOSYNTHETIC PATHWAY FOR ALTERING THE CONCENTRATION OF ISOPRENOID	JOMAA, HASSAN
<u>09889995</u>	Not Issued	161	07/25/2001	USE OF PHOSPHORORGANIC COMPOUNDS FOR THE PROPHYLACTIC AND THERAPEUTICAL TREATMENT OF INFECTIONS	JOMAA, HASSAN
<u>09869738</u>	Not Issued	161	07/03/2001	USE OF 3-ISOXAZOLIDINONES AND HYDROXYLAMINE ACIDS FOR THE TREATMENT OF INFECTIONS	JOMAA, HASSAN
<u>09868962</u>	Not Issued	071	06/22/2001	ORGANO-PHOSPHORUS COMPOUNDS AND THEIR UTILIZATION	JOMAA, HASSAN
<u>09868961</u>	<u>6696427</u>	150	06/22/2001	USE OF BISPHOSPHONATES FOR THE PREVENTION AND TREATMENT OF INFECTIOUS PROCESSES	JOMAA, HASSAN
<u>09856805</u>	Not Issued	161	05/25/2001	USE OF PHOSPHONOFORMIC ACID DERIVATIVES FOR TREATING INFECTIONS	JOMAA, HASSAN
<u>09856804</u>	Not Issued	161	05/25/2001	USE OF PHOSPHONOFORMIC ACID DERIVATIVES FOR TREATING INFECTIONS	JOMAA, HASSAN
<u>09856789</u>	<u>6534489</u>	150	05/25/2001	ORGANOPHOSPHOROUS COMPOUNDS AND THE USE THEREOF	JOMAA, HASSAN
<u>09806080</u>	Not Issued	161	06/01/2001	GENES OF THE 1-DEOXY-D-XYLULOSE BIOSYNTHESIS PATHWAY	JOMAA, HASSAN
<u>09787860</u>	Not Issued	071	06/18/2002	USE OF ORGANOPHOSPHOROUS COMPOUND FOR PRODUCING MEDICAMENTS FOR THE THERAPEUTIC AND PROPHYLACTIC TREATMENT OF INFECTIONS OR AS A FUNGICIDE, BACTERIDE OR HERBICIDE FOR PLANTS	JOMAA, HASSAN
<u>09743979</u>	Not Issued	164	03/02/2001	PHOSPHOROUS ORGANIC COMPOUNDS AND THEIR USE	JOMAA, HASSAN
<u>09720380</u>	Not Issued	161	12/20/2000	COMBINED PREPARATION OF ANTI-INFECTIOUSLY ACTIVE COMPOUNDS WHICH INHIBIT THE 2-	JOMAA, HASSAN

				C- METHYLERYTHROSE -4 METABOLIC PATHWAY, AND INHIBITORS OF LIPID METABOLISM	
09719946	Not Issued	041	12/15/2000	AUTOIMMUNE DISORDER AND ALLERGY MEDICAMENTS AND METHOD	JOMAA, HASSAN

Inventor Search Completed: No Records to Display.

	Last Name	First Name	
Search Another: Inventor	jomaa	hassan	Search

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